

Dyskinesia-associated glutamate receptor genotypes - Table 2. Correlations between single nucleotide polymorphisms (SNPs) and the absence (No Dys) or presence (Dys) of dyskinesia. (Neurological = Parkinson's disease; Psychiatric = schizophrenia or schizotypal disorders).

SNP	Model	Genotypes	Prevalence N (%)		OR [95% CI]	P-value
			No Dys	Dys		
Neurological (n=101)						
Orofacial LID: <i>SNPs tested</i>						All > 0.05
Limb-truncal LID						
<i>rs11644461</i> (GRIN2A)	Log-additive ^a	-	-	-	0.50 [0.26-0.96]	0.02936
	Dominant	A/A	22 (33.3)	19 (57.6)	0.38 [0.16-0.90]	0.02585
		A/G-G/G	44 (66.7)	14 (42.4)		
<i>rs11646587</i> (GRIN2A)	Log-additive	-	-	-	0.50 [0.24-1.01]	0.04350
	Dominant	G/G	28 (41.8)	20 (60.6)	0.41 [0.17-0.99]	0.04365
		A/G-A/A	39 (58.2)	13 (39.4)		
<i>rs7192557</i> (GRIN2A)	Log-additive	-	-	-	2.39 [1.13-5.04]	0.01940
	Dominant	G/G	44 (65.7)	13 (39.4)	2.94 [1.24-6.98]	0.01325
		A/G-A/A	23 (34.3)	20 (60.6)		
<i>rs8057394</i> (GRIN2A)	Log-additive	-	-	-	1.98 [1.08-3.63]	0.02371
	Dominant	C/C	37 (55.2)	10 (30.3)	2.88 [1.18-7.03]	0.01670
		C/G-G/G	30 (44.8)	23 (69.7)		
All locations LID						
<i>rs11646587</i> (GRIN2A)	Log-additive	-	-	-	0.48 [0.24-0.95]	0.02860
	Dominant	G/G	26 (40.6)	22 (61.1)	0.40 [0.17-0.94]	0.03259
		A/G-A/A	38 (59.4)	14 (38.9)		
<i>rs7192557</i> (GRIN2A)	Log-additive	-	-	-	2.54 [1.21-5.33]	0.011204
	Dominant	G/G	43 (67.2)	14 (38.9)	3.21 [1.37-7.51]	0.006214
		A/G-A/A	21 (32.8)	22 (66.1)		
<i>rs8057394</i> (GRIN2A)	Log-additive	-	-	-	2.15 [1.18-3.92]	0.010573
	Dominant	C/C	37 (57.8)	10 (27.8)	3.59 [1.48-8.71]	0.003285
		C/G-G/G	27 (42.2)	26 (72.2)		
Psychiatric (n=431)						
Orofacial TD						
<i>rs11646587</i> (GRIN2A)	Dominant	G/G	160 (48.8)	54 (59.3)	0.62 [0.38-1.00]	0.04652
		A/G-A/A	168 (51.2)	37 (40.7)		
<i>rs7206256</i> (GRIN2A)	Log-additive	-	-	-	1.43 [1.02-2.02]	0.04015
	Dominant	A/A	125 (37.9)	24 (26.4)	1.73 [1.02-2.91]	0.03570
<i>rs1345423</i> (GRIN2A)	Log-additive	-	-	-	0.64 [0.45-0.93]	0.01564
	Recessive	A/A-A/C	279 (84.3)	87 (93.5)	0.35 [0.14-0.86]	0.01043
		C/C	52 (15.7)	6 (6.5)		
Limb-truncal TD						
<i>rs7190619</i> (GRIN2A)	Overdominant	G/G-A/A	211 (73.8)	40 (85.1)	0.44 [0.19-1.03]	0.04292
		A/G	75 (26.2)	7 (14.9)		
<i>rs9788936</i> (GRIN2A)	Overdominant	A/A-G/G	231 (64.5)	44 (77.2)	0.51 [0.27-1.00]	0.04020
		A/G	127 (35.5)	13 (22.8)		
All locations TD						
<i>rs2192970</i> (GRIN2B)	Log-additive	-	-	-	1.59 [1.05-2.41]	0.029951
	Overdominant	G/G-A/A	225 (75.3)	71 (59.7)	1.93 [1.22-3.06]	0.005411
		A/G	74 (24.7)	48 (40.3)		
<i>rs1345423</i> (GRIN2A)	Log-additive	-	-	-	0.65 [0.46-0.90]	0.009077
	Recessive	A/A-A/C	255 (84.2)	111 (91.7)	0.42 [0.20-0.89]	0.015210
		C/C	48 (15.8)	10 (8.3)		

^aLog-additive: rare allele vs. common allele